

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB12163 - Goat Anti-Prdm9 (mouse, aa440-452) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Prdm9, PR domain containing 9, RP23-64O5.3, BC012016, Dsbc1, G1-419-29, Meisetz, Rcr1, repro7, PR domain zinc finger protein 9, PR domain-containing protein 9, PR-domain zinc finger protein, VPR domain containing 9, histone-lysine N-methyltransferase PRDM9, hybrid sterility protein 1, meiosis-induced factor containing a PR/SET domain and zinc-finger motif

**Official Symbol:** Prdm9

**Accession Number(s):** NP\_659058.2

**Non-Human GeneID(s):** 213389 (mouse)

### Immunogen

Peptide with sequence C-QEQHVDSQNKNDK, from the internal region of the protein sequence according to NP\_659058.2.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Western blot:** Preliminary experiments gave an approx 70kDa band in Mouse fetal Brain lysates and in lysates of cell line NIH3T3 after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 97.8kDa according to NP\_659058.2. The 70kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Mouse